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Approved for use through 09/30/00. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

UTILITY PATENT APPLICATION TRANSMITTAL <small>(Only for new nonprovisional applications under 37 CFR 1.53(b))</small>		Attorney Docket No. 488-00061		Total Pages 107	
		First Named Inventor or Application Identifier			
		Akira Takayanagi			
		Express Mail Label No. EV342894594US			
APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents		ADDRESS TO: Assistant Commissioner for Patents Box Patent Application Washington, D.C. 20231			
1. <input checked="" type="checkbox"/> Fee Transmittal Form (Submit an original, and a duplicate for fee processing)		6. <input type="checkbox"/> Microfiche Computer Program (Appendix)			
2. <input checked="" type="checkbox"/> Specification [Total Pages 53] (preferred arrangement set forth below) <ul style="list-style-type: none"> - Descriptive title of the Invention - Cross References to Related Applications - Statement Regarding Fed sponsored R & D - Reference to Microfiche Appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure 		7. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) <ul style="list-style-type: none"> a. <input type="checkbox"/> Computer Readable Copy b. <input type="checkbox"/> Paper Copy (identical to computer copy) c. <input type="checkbox"/> Statement verifying identify of above copies 			
3. <input checked="" type="checkbox"/> Drawing(s) (35 USC 113) [Total Sheets 48]		ACCOMPANYING APPLICATION PARTS			
4. Oath or Declaration [Total Pages 3] <ul style="list-style-type: none"> a. <input checked="" type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 17 completed) [Note Box 5 below] <ul style="list-style-type: none"> i. <input type="checkbox"/> <u>DELETION OF INVENTOR(S)</u> Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 		8. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))			
5. <input type="checkbox"/> Incorporation By Reference (useable if Box 4b is checked). The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.		9. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney (when there is an assignee)			
		10. <input type="checkbox"/> English Translation Document (if applicable)			
		11. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations			
		12. <input type="checkbox"/> Preliminary Amendment			
		13. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized)			
		14. <input type="checkbox"/> Small Entity <input type="checkbox"/> Statement filed in prior application, Status still proper and desired			
		15. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed)			
		16. <input checked="" type="checkbox"/> Other: <u>Certificate of Express Mail</u>			
17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information: <input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior application No.: /					
18. CORRESPONDENCE ADDRESS					
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Barbara A. Johnson

September 30, 2003

Name

Date

Barbara A. Johnson

9-30-03

Signature

Date

09/30/03
16559-U.S. PTO

TO/SB/17
(10/97)

FEE TRANSMITTAL

COMPLETE IF KNOWN

Total Amount of Payment (\$ 918.00

Application Number
Filing Date 09/30/2003
First Named Inventor Akira Takayanagi
Group Art Unit
Examiner Name
Attorney Docket Number 488-00061

METHOD OF PAYMENT (check one)

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number 01.2000

Deposit Account Name Andrus, Scales, Starke & Sawall, LLP

☒ Charge any additional fee required under 37 CFR 1.16 and 1.17 ☐ Charge the Issue Fee set in 37 CFR 1.18 at the Mailing Of the Notice of Allowance, 37 CFR 1.311(b)

3. ☒ Payment Enclosed:
☒ Check ☐ Money Order ☐ Other

FEE CALCULATION (fees effective 10/01/97)

1. Filing Fee

Large Entity Small Entity
Fee Fee Fee Fee
Code (\$) Code (\$)

101 750 201 375 Utility filing fee \$750
106 330 206 165 Design filing fee
107 480 207 240 Plant filing fee
108 690 208 345 Reissue filing fee
114 150 214 75 Provisional filing fee

SUBTOTAL (1) (\$ 750.00

2. Claims Extra Fee from Fee Paid
below

Total claims 15 - 20 = 0 X =
Independent 5 - 3 = 2 X \$84 = \$168
Claims
Multiple Dependent X =
Claims

Large Entity Small Entity Fee
Fee Fee Fee Fee Description
Code (\$) Code (\$)

103 18 203 9 Claims in excess of 20
102 78 202 39 Independent claims in excess of 3
104 270 204 135 Multiple dependent claim
109 82 209 41 Reissue independent claims over original patent
110 22 210 11 Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ 168.00

FEE CALCULATION (continued)

2. Additional Fees

Large Entity Small Entity

Fee Fee Fee Fee
Code (\$) Code (\$) Fee Description Fee Paid

105 130 205 65 Surcharge-late filing fee or oath
127 50 227 25 Surcharge-late provisional filing fee or cover sheet
139 130 139 130 Non-English specification
147 2,520 147 2,520 For filing a request for reexamination
112 920* 112 920* Requesting publication of SIR prior to Examiner action
113 1,840* 113 1,840* Requesting publication of SIR after Examiner action
115 110 215 55 Extension for response within first month
116 400 216 200 Extension for response within second month
117 950 217 475 Extension for response within third month
118 1,510 218 755 Extension for response within fourth month
128 2,060 228 1,030 Extension for response within fifth month
119 310 219 155 Notice of appeal
120 310 220 155 Filing a brief in support of an appeal
121 270 221 135 Request for oral hearing
138 1,510 138 1,510 Petition to institute a public use proceeding
140 110 240 55 Petition to revive unavoidably abandoned application
141 1,320 241 660 Petition to revive unintentionally abandoned application
142 1,320 242 660 Utility issue fee (or reissue)
143 450 243 225 Design issue fee
144 670 244 335 Plant issue fee
122 130 122 130 Petitions to the Commissioner
123 50 123 50 Petitions related to provisional applications
126 240 126 240 Submission of Information Disclosure Statement
581 40 581 40 Recording each patent assignment per property (times number of properties)
146 790 246 395 Filing a submission after final rejection (37 CFR 1.129(a))
149 790 249 395 For each additional invention to be examined (37 CFR 1.129(b))

Other fee (specify)

Other fee (specify)

SUBTOTAL (3) (\$ 0

*Reduced by Basic Filing Fee Paid

SUBMITTED BY

Type or Printed name Joseph J. Jochman
Andrus, Scales, Starke & Sawall, LLP

Signature

Joseph J. Jochman

COMPLETE (if applicable)

Registration Number 25,058

Date 9/30/2003

Deposit Account User ID